Ensto Compact switch-disconnectors, direct door mounted

Ensto Compact switch-disconnectors, 3-pole, direct door mounted

PRODUCT CODE	AMPERAGE (A)	CONDUCTOR CROSS-SECTION (MM^2)	TIGHTENING TORQUE (Nm)	MOUNTING	SIZE (MM)	WEIGHT (KG)	PACKAGE SIZE (PCS)	EAN 13 CODE
KSM1.125	125 A	Cu 10-50 mm^2	4 Nm	Din rail/screw	18 x 62 x 83	0.095	50	6418677169816
KS13.16	3 x 16 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	40 x 80 x 72	0.149	50	6418677171161
KS13.20	3 x 20 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	40 x 80 x 72	0.149	50	6418677171178
KS13.25	3 x 25 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	40 x 80 x 72	0.149	50	6418677170034
KS13.32	3 x 32 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	40 x 80 x 72	0.149	50	6418677171246
KS13.40	3 x 40 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	40 x 80 x 72	0.149	50	6418677170041



KS13.16

Ensto Compact switch-disconnectors, 4th pole

PRODUCT CODE	AMPERAGE (A)	CONDUCTOR CROSS-SECTION (MM^2)	TIGHTENING TORQUE (Nm)	MOUNTING	SIZE (MM)	WEIGHT (KG)	PACKAGE SIZE (PCS)	EAN 13 CODE
KS13.63	3 x 63 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	40 x 80 x 72	0.149	50	6418677170058
KS11.16	16 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	13 x 56 x 72	0.045	50	6418677171130
KS11.20	20 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	13 x 56 x 72	0.045	50	6418677171147
KS11.25	25 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	13 x 56 x 72	0.045	50	6418677170096
KS11.32	32 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	13 x 56 x 72	0.045	50	6418677171154
KS11.40	40 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	13 x 56 x 72	0.045	50	6418677170102
KS11.63	63 A	Cu 1.5-16 mm^2	2 Nm	Din rail/screw	13 x 56 x 72	0.045	50	6418677170119



KS11.16

Accessories

PRODUCT CODE	DESCRIPTION	AMPERAGE (A)	TIGHTENING TORQUE (Nm)	WEIGHT (KG)	PACKAGE SIZE (PCS)	EAN 13 CODE
Additional poles						
KS11N	Switched neutral pole	Max. 63 A	2 Nm	0,042	50	6438100094317
KSN11	Fixed neutral pole	Max. 63 A	2 Nm	0.042	50	6418677170133
KSP11	Fixed PE pole	Max. 63 A	2 Nm	0.042	50	6418677170157
KSA11	NO+NC auxiliary contact	16 A	2 Nm	0.051	50	6418677170171
Handles						
KSH48	Padlockable, IP 65, yellow with red handle, 0 OFF / 1 ON			0.043	100	6418677170195
KSH48.01	Padlockable, IP 65, black, 0 OFF / 1 ON			0.043	100	6418677170201
Terminal shrouds						
PMR121	Terminal shroud for KS1 and KS11 poles			0.004	100	6418677171598
PMR123	Terminal shroud for KS3, KS31 and KS13 switch			0.008	100	6418677171604

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Ensto Compact switch-disconnectors, table 1/2

Electrical and mechanical characteristics according to EN 60947-3

	3-pole	KS3.16 KS31.16 KS13.16	KS3.20 KS31.20 KS13.20	KS3.25 KS31.25 KS13.25	KS3.32 KS31.32 KS13.32	KS3.40 KS31.40 KS13.40	KS3.40N	KS3.63 KS31.63 KS13.63	KS3.63N	
	4th pole	KS1.16 KS11.16	KS1.20 KS11.20	KS1.25 KS11.25	KS1.32 KS11.32	KS1.40 KS11.40		KS1.63 KS11.63		KS1N KS11N
Conventional free air thermal current I th	A	16	20	25	32	40	40	63	63	63
Rated insulationvoltage Ui	V	800	800	800	800	800	800	800	800	800
Rated impulse withstand voltage Uimp	kV	8	8	8	8	8	6	8	6	6
Rated operational current Ie 415V	A	16	20	25	32	40	40	63	63	63
AC 21 A 500V	A	16	20	25	32	40	40	63	63	63
690V	A	16	20	25	32	40	40	63	63	63
AC 22 A 415V	A	16	20	25	32	40	40	63	63	63
500V	A	16	20	25	32	40	40	63	63	63
690V	A	16	20	25	32	40	40	63	63	63
AC 23 A 415V	A	16	20	25	32	40	40	63	63	63
500V	A	16	20	25	32	40	40	40	40	40
690V	A	16	20	25	25	25	25	25	25	25
Rated operational power Pe 415V	kW	7.5	7.5	11	15	18.5	18.5	30	30	30
AC 23 A 500V	kW	7.5	11	15	18.5	22	22	22	22	22
(for standard motor) 690V	kW	11	15	22	22	22	22	22	22	22
Short-circuit characteristics (415 VAC)										
Rated short-time withstand current, 1s, Icw	Arms	1260	1260	1260	1260	1260	1260	1260	1260	1260
Rated conditional short-circuit current	kArms	50	50	50	50	50	50	20/50	20/50	20/50
Max. fuse (gG)	A	16	20	25	32	40	40	63/40	63/40	63/40
Max. cut-off current	kApeak	6	6	6	6	6	6	6/6	6/6	6/6
Max. Joule integral	kA^2s	6.8	6.8	6.8	6.8	6.8	6.8	15/6.8	15/6.8	15/6.8
Making and breaking characteristics										
Making capacity 415V AC 23 A	A	160	200	250	320	400	400	630	630	630
Breaking capacity 415V AC 23 A	A	128	160	200	256	320	320	504	504	504
Endurance (number of operations)										
Mechanical		100 000	100 000	100 000	100 000	100 000	100 000	100 000	100 000	100 000
Electrical		3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000
Terminals (Cu)	mm^2	1.5–16	1.5–16	1.5–16	1.5–16	1.5–16	1.5–16	1.5–16	1.5–16	1.5–16
Tightening torque	Nm	2	2	2	2	2	2	2	2	2

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